

Title (en)  
TELECOMMUNICATIONS APPARATUS AND METHODS

Title (de)  
TELEKOMMUNIKATIONS GERÄT UND METHODE

Title (fr)  
APPAREIL ET PROCÉDÉS DE TÉLÉCOMMUNICATIONS

Publication  
**EP 3167557 A1 20170517 (EN)**

Application  
**EP 15738010 A 20150702**

Priority  
• EP 14176603 A 20140710  
• EP 2015065117 W 20150702

Abstract (en)  
[origin: WO2016005267A1] A method of operating a relay device to receive data from one or more terminal devices and relay the data to a base station in a wireless telecommunications system. The method comprising receiving a plurality of blocks of data from one or more terminal devices at different times. Each block of data is received in association with an indication of a time by which the block of data should be transmitted to the base station. The block of data are buffered at the relay node. The relay node determines the earliest time by which one of the received blocks of data should be transmitted to the base station and transmits the plurality of blocks of data to the base station together in advance of this earliest time. This can help to reduce signalling overhead associated with transmissions from the relay device to the base station whilst helping to ensure data is not delayed at the relay node for longer than is acceptable for the data.

IPC 8 full level  
**H04B 7/15** (2006.01); **H04B 7/26** (2006.01); **H04W 4/38** (2018.01)

CPC (source: CN EP US)  
**H04B 7/2606** (2013.01 - CN EP US); **H04W 4/38** (2018.01 - EP US); **H04B 7/15507** (2013.01 - US); **H04W 52/42** (2013.01 - US); **H04W 88/04** (2013.01 - CN EP US); **H04W 88/06** (2013.01 - US)

Citation (search report)  
See references of WO 2016005267A1

Cited by  
EP3649808A4; WO2019010438A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2016005267 A1 20160114**; CN 106489243 A 20170308; CN 106489243 B 20191025; EP 3167557 A1 20170517; EP 3167557 B1 20200101; US 2017244474 A1 20170824; US 9954605 B2 20180424

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**EP 2015065117 W 20150702**; CN 201580037438 A 20150702; EP 15738010 A 20150702; US 201515321661 A 20150702